AMTECH communication box
EN
GET HTTP

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HTTP GET

If the sending interval is set to zero, the sending function is turned off. The interval can be set from 0 to 1440 minutes.

If a sensor is set as *Unconnected*, its parameters are not sent in GET.

If you enter an encryption key of 16 characters, the HTTP GET data is encrypted by 128-bit AES cipher (Rijndael), the CFB method.

GET Format

Example of periodic GET:

(GET comes from a PAPAGO unit that has one combined and one temperature sensor. & characters are deleted for better readability.)

*script.php?**mac**=0080A397CF65 **type**=Papago 2TH ETH **guid**=PAP **description**=LOG **log_index**=1 **date_time**=01/28/2015 9:35:00 **T1V1_value**=21.7 **T1V1_units**=°C **T1V1_status**=0 **H1V2_value**=25.0 **H1V2_units**=% **H1V2_status**=0 **D1V3_value**=0.8 **D1V3_units**=°C **D1V3_status**=0 **T2V1_value**=23.4 **T2V1_units**=°C **T2V1_status**=0*

Example of GET after pressing the button in the settings:

*script.php?**mac**=0080A393A273&**type**=Papago%202PT%20ETH &**guid**=PAPAGO-TEST-GUID&**description**=TEST*

Example of encrypted GET after pressing the button in the settings:

*script.php?**encrypted_data**=%DC%BD%5D%C1%DE%C4%0A%66%8B%69%0 C%6D%8D%70%B9%11%EA%8C%19%2A%93%F1%71%87%B7%47%94%77 %C7%A2%71%D9%1A%3D%BA%21%CF%0D%D5%42%1F%01%23%7B%AF %31%C9%6D%D6%EC%87%C4%39%E4%76%84%29%A9%C1%31%74%05 %31%3F%96%43%13%3C%73%08%D6%8F%56%F5%6C%A2%77%53%C6% A7%10%8F%47%A5%A7%2D%04%9B%58%A0%94*

The following parameters are sent in GET:

description   Indicates a standard GET with measurement (LOG), GET sent when exceeding a limit (WATCH) or a test GET sent when you press the button on the Web (TEST). GET with measurement and GET sent when exceeding a limit contain the same data

mac   MAC address of the device.

type   Type designation of the device.

guid   Unique user-specified text string.

log_index   Serial number of the record in a circular buffer.[1]

date_time   Date and time of recording in the format mm/dd/yyyy hh:mm:ss.

encrypted_data   This parameter contains the data of encrypted GET.

The following parameters may be given more than once if there are more measured values from one sensor. The first character may be either T (for temperature), H (for humidity) or D (dew point). Thus, Papago 2PT with two temperature sensors, provides these parameters:

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[1] This number is applied if the network connection to the device has been discontinued for some time. After restoring the network connection, all accumulated GETs are sent in the form of a circular buffer. The buffer has a capacity of 120 entries.

T1V1[2]_value   First temperature as a decimal number.

T2V1_value   Second temperature as a decimal number.

T1V1_units   Unit of the first measured temperature.

T2V1_units   Unit of the second measured temperature.

T1V1_status   Status of the first value: the value is OK (0), upper limit exceeded (2), lower limit exceeded (3) invalid value (4).

T2V1_status   Status of the second value: the value is OK (0), upper limit exceeded (2), lower limit exceeded (3) invalid value (4).

CH1_name   Channel 1 name.

CH2_name   Channel 2 name.

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[2] The number after the letter T indicates the serial number of the connector on the device. The number after the letter V indicates the serial number of the parameter from the connected sensor.